

[LP 0819]

AUGUST 2019

Sub. Code: 2732

B. OPTOM
(New Syllabus 2018-2019)

FIRST YEAR

PAPER II – OCULAR ANATOMY AND OCULAR PHYSIOLOGY

Q.P. Code: 802732

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Visual acuity testing.
2. What is intraocular pressure – normal range and maintenance?
Write about instruments used to measure IOP.
3. Layers of retina with labeled diagram.

II. Write notes on:

(8 x 5 = 40)

1. Colour vision testing and defects.
2. Notes on binocular single vision.
3. Layer of cornea and functions.
4. Extraocular movements – versions and vergences.
5. Structure of lens.
6. Pupillary reflexes and pathway.
7. Accommodation.
8. Functions and composition of tear film.

III. Short answers on:

(10 x 3 = 30)

1. Parts of ciliary body.
2. Hering's and Sherrington's law.
3. Endothelial pump.
4. Macula lutea.
5. Dark and Light adaptation.
6. Contrast sensitivity.
7. Presbyopia.
8. Schirmer's test.
9. Vitreous humor.
10. Muscles of iris.
